

CHASSIS SPECIFICATIONS

Model **FM8JKLT-PM**

(Right-hand drive) Truck Chassis
GCW 49,500 Kgs.

GEAR RATIOS & PERFORMANCE

Drive	6X4
Control	Forward
Max. speed (km/h)	97
Max. Gradeability (tanθ)% @ rated GCW	24.0%
Transmission gear ratios & speeds	EATON ES11109
	1 st 12.637
	2 nd 8.806
	3 rd 6.550
	4 th 4.768
	5 th 3.548
	6 th 2.481
	7 th 1.845
	8 th 1.343
	9 th 1.000
	Rev. 13.210
Rear axle ratio THD17	5.857

ENGINE

Model Hino J08E (**EURO II**)
Type Diesel, Turbo Charged and Intercooled, 4-stroke, 6-cylinder, vertical, in-line, overhead camshaft, Water cooled, direct Injection type

Max. output 285 PS @ 2,500 rpm
Max. torque 91.0 kgf.m @ 1,500 rpm
Displacement 7.684 L
Cold start device Equipped

CLUTCH Dry single plate with damper springs, hydraulic control with air booster.

Clutch Dia. 380 mm.

TRANSMISSION Nine forward & one reverse Speeds, direct drive, synchromesh 1st ~ 9th, with Mechanical Control

REAR AXLE Tandem axle, dual drive with inter axle differential, full floating single reduction, single speed by hypoid gearings.

Axle capacity 22,000 kg.

FRONT AXLE Reverse Elliot "I" section beam.

Axle capacity 6,500 kg.

SERVICE BRAKE Full air, S-cam, leading and trailing shoes. Dual circuit with ABS system.

PARKING BRAKE Air operated spring brake acting on rear wheels, for emergency and parking purpose.

EXHAUST BRAKE Electro-pneumatic.

STEERING

Telescopic and tilt steering column with Recirculating ball. Integral power steering.

SUSPENSION

Front Semi-elliptic leaf springs (reinforced type) with shock absorbers.

Rear Semi-elliptic main and auxiliary leaf springs. with torque rods.

WHEEL AND TIRE

Tire Size 11.00-20-16PR.
Wheel Type 10-stud disc wheels (ISO type)
Disc size 7.50T x 20 – offset 165mm
No. of tires 11 (including one spare tire)

FUEL TANK:

Capacity 400 liters

CHASSIS FRAME Ladder-shaped "I" section.

CAB

All steel welded construction with torsion bar tilt mechanism. Reinforced cab with additional Safety door impact beams in doors. Seat belts & Individual windshield washers. Metallic paint on cabin

Seating capacity Three

ELECTRICAL EQUIPMENT:

Batteries Two, series connection, each 12V, 120 AH at 20-hour rate.

Alternator 24V, 60A

DIMENSIONS AND WEIGHTS (Chassis only) approx.

Wheelbase	mm	3,380+1,300
Weight	Total	kg 7,110
	Front	kg 3,070
	Rear	kg 4,040
Overall length	mm	6,635
Overall width	mm	2,480
Overall height	mm	2,700
Overhang	Front	mm 1,255
	Rear	mm 700
Road clearance	mm	275
Turning radius (on tire)	mm	8,100
Max. Load on 5 th wheel at 500 offset.		20,000

IMPORTANT

1-The vehicle mass may vary when optional equipment & items are fitted.

2- All specifications are with normal manufacturing allowances and tolerances.

3- Hinopak Motors Ltd. reserves the right to alter this specification without prior notice.